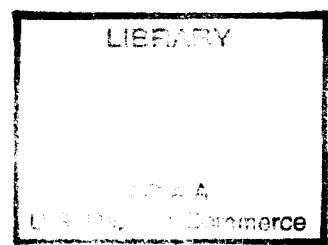


MONTHLY WEATHER SUMMARY

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Prepared and published by the
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PART A
January to December
1983

National Oceanic and Atmospheric Administration

Climate Database Modernization Program

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P R E F A C E

From a recent issue, some changes have been made in the publication of the Monthly Weather Summary. These changes have become necessary because of the intermittent and haphazard manner in which the data have been and are being submitted to the Institute. As a result it is no longer feasible to issue the publication on a monthly basis. It will therefore be published with one year's data in each issue.

The primary change is that the Summary is being published in two parts, Part A will contain data for the territories of Grenada, Saint Vincent, Saint Lucia, Dominica, Montserrat, Antigua, Saint Kitts and Nevis, Anguilla, British Virgin Islands and Cayman Islands. Part B will contain data for the territories of Trinidad and Tobago, Barbados, Jamaica, Belize and Guyana.

The other change is in the format of the tables. Previously each table contained the data for one month only for all stations. From this issue onwards, each table will give the data for a year for each station. Where a station's data for a particular month are missing, that month's name is omitted in the sequence of months.

It is felt that this new format is preferable to the old format in that one year's data are presented to the reader in one table instead of twelve different tables.

C O N T E N T S

1. Preface
2. Station List
3. January to December 1983, Tables I to VI

For each station, the title of Tables are:

Table I: Summary of observations at fixed hours

Table II: Summary of daily observations

Table III: Summary of agrometeorological observations

Table IV: Summary of rainfall intensity records

Table V: Summary of wind speed records

Table VI: Summary of sunshine records

TABLE I SUMMARY OF OBSERVATIONS AT FIXED HOURS 1983

COUNTRY STATION	MONTH	HEIGHT AGL m	MEAN HUMIDITY	MEAN TEMPERATURE AND HUMIDITY			REDUCED PRESSURE 10 HSL hPa & tenths	MEAN WIND SPEED kt	TOTAL CLOUD AMOUNT (eights)		VISIBILITY IN km (No. of Obs.)								
				DRY BULB °C	MET BULB °C	VAPOR DELT hPa & tenths			MEAN PRESS hPa & tenths	AMT 0	1-2	3-5	6-7	8	9	10	11-12	13-14	15-16
GRENADE																			
Pearl's Airport	JAN	7	08	26.1	23.3	26.3	78	1015.2	8.3	4.9	0	4	15	10	2	0	0	1	0
	14	27.4	26.3	27.9	76	1013.7	9.0	4.7	0	8	13	2	0	0	0	0	0	0	9
FEB	08	25.8	22.9	25.3	76	1015.2	8.2	4.8	0	7	12	2	0	0	0	0	0	0	19
	14	27.8	23.8	26.3	70	1013.8	8.3	3.8	0	10	9	8	1	0	0	0	0	0	21
MAR	08	27.2	23.7	26.7	74	1014.5	7.6	3.6	0	15	9	6	1	0	0	0	0	0	17
	14	29.0	26.5	27.3	68	1013.2	8.5	3.1	0	14	12	5	0	0	0	0	0	0	21
APR	08	27.5	26.4	28.2	77	1014.0	7.3	5.2	0	2	13	14	1	0	0	1	0	0	0
	14	29.3	25.1	28.5	70	1012.5	8.5	4.6	0	7	10	13	0	0	0	0	0	0	17
MAY	08	27.7	25.5	30.8	83	1013.5	7.1	6.7	0	1	3	16	11	0	0	0	0	0	22
	14	28.7	26.0	31.5	80	1012.2	7.4	6.2	0	2	10	7	12	0	0	0	0	0	18
JUN	08	27.8	25.4	30.6	82	1015.1	7.1	5.3	0	4	11	9	6	0	0	0	0	0	18
	14	29.2	26.3	32.0	79	1013.9	8.4	5.6	0	4	9	11	5	0	0	0	0	0	17
JUL	08	27.9	25.5	30.6	82	1015.0	8.4	5.1	0	5	10	13	3	0	0	0	2	1	18
	14	29.2	26.2	31.5	78	1014.1	8.5	5.6	0	3	8	15	5	0	0	0	0	0	17
AUG	08	28.1	25.5	30.4	80	1016.0	8.5	4.5	0	6	14	8	2	0	0	0	0	0	14
	14	29.5	26.5	32.0	78	1014.9	7.9	4.9	0	7	8	15	0	0	0	0	0	0	17
DEC	08	26.8	24.0	27.8	79	1016.0	7.9	5.3	0	3	12	14	2	0	0	0	0	0	7
	14	28.1	24.9	28.8	76	1014.2	8.3	4.4	0	5	16	9	1	0	0	0	0	0	19

TABLE I SUMMARY OF OBSERVATIONS AT FIXED HOURS 1981

COUNTRY	STATION	MONTH	HEIGHT ABOVE MSL m	MEAN TEMPERATURE AND HUMIDITY				REDUCED PRESS. TO MSL hPa & tenths	MEAN WIND SPEED kt	MEAN AMT 0	TOTAL CLOUD AMOUNT (eights)				VISIBILITY IN Km (No. of Units)				
				DRY BULB °C	WET BULB °C	PRESS. hPa & tenths	NUM %				1,2	3-5	6,7	8	9				
ST. VINCENT	Arros Vale Airport	JAN	9	25.1	22.6	25.3	79	1016.0	11.0	4.2	0	6	16	9	0	27			
		FEB	14	27.5	23.8	26.7	73	1014.3	13.0	4.5	0	5	16	9	1	28			
		MAR	14	25.1	22.1	24.3	76	1016.1	9.8	4.5	0	4	16	6	0	1	27		
		APR	14	27.9	23.4	25.1	67	1014.9	12.1	4.1	0	6	17	4	1	28			
		MAY	14	26.2	23.0	25.7	76	1015.3	10.2	4.0	0	12	8	10	1	4	26		
		JUN	14	28.8	24.1	26.2	66	1012.8	12.7	4.0	0	9	13	9	0	0	28		
		JUL	14	27.1	23.6	26.5	74	1014.8	11.2	4.5	0	6	14	10	0	0	30		
		AUG	14	29.7	24.6	26.3	63	1013.1	12.4	3.7	0	8	16	4	0	0	30		
		SEP	14	27.3	24.9	29.5	81	1014.2	10.9	6.2	0	1	7	18	5	0	10	20	
		OCT	14	28.8	25.5	30.1	76	1012.9	11.5	6.0	0	1	9	14	7	0	2	8	
		NOV	14	27.5	25.1	29.8	81	1015.8	11.4	5.4	0	3	12	11	4	0	0	7	23
		DEC	14	29.3	25.8	30.4	75	1014.6	12.5	5.2	0	3	10	15	2	0	0	6	24
		JAN	14	27.4	25.1	30.0	82	1015.6	10.7	5.2	0	2	12	17	0	0	0	1	27
		FEB	14	28.9	25.7	30.4	76	1014.8	11.6	5.7	0	1	10	18	2	0	1	2	28
		MAR	14	27.5	24.9	29.5	80	1016.8	10.2	4.5	0	5	15	11	0	0	0	4	27
		APR	14	29.4	25.8	30.4	74	1015.7	11.1	5.1	0	2	15	12	2	0	0	3	28
		MAY	14	27.5	25.1	30.0	81	1015.5	8.5	4.8	0	6	11	11	2	0	0	4	26
		JUN	14	29.1	25.9	30.8	77	1014.1	10.1	5.4	0	5	7	14	4	0	1	6	23
		JUL	14	27.7	24.8	28.8	78	1014.9	8.6	4.4	0	3	19	8	1	0	0	3	30
		AUG	14	29.2	25.4	29.4	72	1012.9	10.0	4.9	0	3	15	12	1	0	0	2	29
		SEP	14	27.1	24.5	28.6	80	1016.3	9.2	4.2	0	5	17	7	1	0	0	1	29
		OCT	14	29.2	25.3	29.2	72	1014.2	11.0	4.1	0	7	15	7	1	0	0	0	31
		NOV	14	26.1	23.6	27.2	80	1016.7	9.4	4.9	0	4	13	13	1	0	0	0	31
		DEC	14	28.0	24.5	27.8	74	1014.9	11.0	5.1	0	3	14	12	2	0	0	0	30

TABLE I SUMMARY OF OBSERVATIONS AT FIXED HOURS 1983

COUNTRY STATION	MONTH	HEIGHT ABOVE MSL m	MEAN TEMPERATURE AND HUMIDITY LSI	TOTAL CLOUD AMOUNT (eights)			VISIBILITY IN KM (No. of Obs.)						
				MEAN PRESSURE REDUCED TO MSL hPa & tenths	MEAN WIND SPEED kt	MEAN AMT	Number of observations	0	1-2	3-5	6-7	8	9
ST. VINCENT													
Camden Park	APR	5	0.9	27.9	23.8	25.6	68						
	MAY	0.9	28.2	25.1	29.3	77							
	JUN	0.9	28.2	25.3	29.9	78							
	JUL	0.9	27.8	25.2	30.0	80							
	AUG	0.9	28.3	25.2	29.6	77							
	SEP	0.9	28.4	25.6	30.5	79							
	OCT	0.9	28.5	25.8	31.0	80							
	NOV	0.9	28.3	25.0	29.2	76							
	DEC	0.9	27.5	26.2	27.7	75							

TABLE I SUMMARY OF OBSERVATIONS AT FIXED HOURS 1983

TABLE I SUMMARY OF OBSERVATIONS AT FIXED HOURS 1983

COUNTRY STATION	MONTH	HEIGHT ABOVE MSL m	LST	MEAN TEMPERATURE AND HUMIDITY			REDUCED PRESSURE TO MSL hPa & tenths	MEAN WIND SPEED kt	TOTAL CLOUD AMOUNT (eights)		VISIBILITY IN Km (No. of Obs.)			
				DRY BULB °C	MET BULB °C	VAPOUR PRESS hPa & tenths			MEAN AMT	0	1-2	3-5	6-7	8
ST. LUCIA														
Roseau	JAN	09	25.9	23.5	27.0	81								
	FEB	09	26.2	22.6	24.6	73								
	MAR	09	27.7	23.4	25.3	68								
	APR	09	28.6	24.3	27.1	69								
	MAY	09	28.5	25.2	29.5	76								
	JUN	09	28.4	25.5	30.5	78								
	JUL	09	28.1	25.1	29.6	78								
	AUG	09	28.4	25.2	29.4	76								
	SEP	09	28.6	25.5	30.3	77								
	OCT	09	28.9	25.2	29.1	73								
	NOV	09	28.1	24.9	28.8	75								
	DEC	09	27.5	24.2	27.5	75								
Union														
	FEB	09	25.8	22.8	25.4	77								
	MAR	09	27.0	23.7	26.5	74								
	APR	09	28.2	23.6	25.4	67								
	SEP	09	28.5	25.7	30.6	79								
	OCT	09	28.5	24.9	28.7	74								
	NOV	09	28.2	24.7	28.2	74								
	DEC	09	27.1	23.6	26.3	73								

0.0 - 0.3	1.0 - 1.9	2.0 - 3.1	3.2 - 4.7	4.8 - 7.0	7.1 - 15.0	15.0 - 25.0
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TABLE I SUMMARY OF OBSERVATIONS AT FIXED HOURS 1983

COUNTRY	STATION	MONTH	HEIGHT ABOVE MSL m	MEAN TEMPERATURE AND HUMIDITY Hour	MEAN PRESSURE REDUCED TO 10 MSL hPa & tenths			TOTAL CLOUD AMOUNT (eights)			VISIBILITY IN km (No. of Obs.)			
					DRY BULB °C	WET BULB °C	PRESS hPa & tenths	MEAN WIND SPEED kt	MEAN AMT	Number of observations	0.3	0.6	0.9	
ST. LUCIA	Vigie Airport	JAN	08	24.9	22.2	24.6	78	1015.6	10.4	5.2	0	3	11	
		14	27.3	23.1	24.8	68	1013.8	14.2	5.2	0	3	11	16	
		FEB	08	24.7	22.4	25.3	81	1015.4	8.7	4.8	0	3	11	11
		14	27.8	23.4	25.2	67	1013.8	13.4	5.1	0	2	11	15	
		MAR	08	26.0	23.3	26.6	79	1014.7	10.5	4.5	0	4	16	10
		14	29.0	24.2	26.4	66	1013.2	13.8	4.7	0	4	16	11	
		APR	08	27.3	24.1	27.5	76	1014.2	10.1	4.6	0	4	13	12
		14	30.0	24.5	26.6	63	1012.4	13.5	4.9	0	2	15	12	
		MAY	08	27.5	25.2	30.1	82	1013.5	11.5	5.9	0	2	10	13
		14	29.5	25.7	29.9	73	1012.3	13.1	6.3	0	0	11	13	
		JUN	08	27.8	25.2	29.9	80	1015.3	12.4	5.1	0	6	9	13
		14	29.4	25.9	30.5	74	1014.1	13.1	5.6	0	1	10	15	
		JUL	08	27.4	25.1	30.1	82	1015.2	10.8	5.5	0	2	11	14
		14	29.3	25.9	30.7	76	1014.4	13.3	6.1	0	0	7	17	
		SEP	08	27.5	24.9	29.6	81	1014.9	11.2	5.3	0	1	15	11
		14	29.3	25.8	30.4	75	1013.6	12.6	6.2	0	0	8	20	
		OCT	08	27.5	24.6	28.7	78	1014.3	8.1	4.2	0	8	11	10
		14	29.1	25.2	29.0	72	1012.3	10.1	5.3	0	1	15	13	
		NOV	08	26.9	24.4	28.7	81	1015.7	7.8	3.6	0	3	8	8
		14	28.9	24.9	28.5	71	1013.7	11.7	5.3	0	3	8	16	
		DEC	08	25.7	23.6	27.6	84	1016.4	8.8	4.6	0	8	5	12
		14	28.1	24.6	28.1	74	1014.3	12.3	5.2	0	2	9	13	

TABLE I SUMMARY OF OBSERVATIONS AT FIXED HOURS 1983

TABLE I SUMMARY OF OBSERVATIONS AT FIXED HOURS 1983

COUNTRY STATION	MONTH	HEIGHT ABOVE MSL m	TIME HOUR LST	MEAN TEMPERATURE AND HUMIDITY				REDUCED PRESS. hPa & tenths	MEAN PRESS. hPa & tenths	MEAN WIND SPEED kt		TOTAL CLOUD AMOUNT (heights)		VISIBILITY IN km (No. of Obs.)			
				DRY BULB °C		WET BULB °C				MEAN AMT		Number of observations		7.1 - 7.0			
				0.4 - 0.0		0.4 - 0.0				0.3		0.3		7.1 - 7.0			
DOMINICA																	
Melville Hall Airport	JAN	08	24.8	22.6	25.7	82	1016.6	5.9	5.0	0	4	14	12	1	4	15	8
		14	27.0	23.5	26.3	74	1015.0	8.8	4.7	0	6	12	13	0	0	1	14
FEB	08	24.3	21.9	24.4	80	1016.2	4.0	5.2	0	3	13	8	4	0	1	0	15
		14	27.6	23.2	25.0	68	1014.7	7.5	4.1	0	9	9	8	2	0	1	23
MAR	08	26.1	23.4	26.7	79	1015.4	7.3	5.0	0	4	15	10	2	0	0	3	12
		14	27.9	24.3	27.6	73	1014.2	9.4	4.7	0	3	19	9	0	0	0	15
APR	08	26.7	23.5	26.6	76	1014.9	7.0	4.6	0	7	10	11	2	0	0	1	20
		14	28.9	24.5	27.3	68	1013.4	8.2	5.0	0	3	12	14	1	0	0	19
MAY	08	27.0	24.7	29.4	82	1014.3	6.0	5.8	0	2	10	15	4	0	1	0	4
		14	28.6	25.5	30.2	77	1013.4	6.0	6.1	0	3	5	18	5	0	0	25
JUN	08	27.7	25.1	29.8	80	1016.2	6.9	5.4	0	2	14	12	2	0	0	0	14
		14	29.5	26.0	30.7	75	1015.2	8.4	5.1	0	4	10	16	0	0	0	13
JUL	08	27.8	25.2	30.0	80	1016.2	8.1	5.5	0	5	8	15	3	0	0	0	14
		14	29.0	25.9	31.1	77	1015.6	8.8	6.2	0	2	5	19	5	0	0	11
AUG	08	27.4	25.0	29.8	81	1017.1	7.0	5.6	0	2	10	16	2	0	0	0	9
		14	29.4	26.0	30.9	75	1016.3	9.0	4.9	0	6	10	12	3	0	0	13
SEP	08	27.4	25.2	30.2	83	1015.8	6.3	5.7	0	4	7	18	1	0	0	0	8
		14	28.8	26.0	31.3	79	1014.6	8.1	5.9	0	1	10	15	4	0	0	15
OCT	08	26.9	24.8	29.6	84	1014.8	4.3	4.9	0	4	12	15	0	0	0	0	9
		14	29.2	25.5	29.7	73	1013.1	7.1	4.7	0	5	11	15	0	0	0	19
NOV	08	26.2	24.0	28.1	83	1016.3	3.7	4.5	0	7	11	12	0	0	0	0	12
		14	28.3	24.7	28.3	74	1014.5	7.1	4.4	0	8	13	9	0	0	0	18
DEC	08	25.1	23.1	26.7	84	1017.0	6.8	5.0	0	6	9	14	1	0	0	0	12
		14	27.6	24.2	27.7	75	1015.4	9.0	5.0	0	5	10	16	0	0	0	18

TABLE I SUMMARY OF OBSERVATIONS AT FIXED HOURS 1983

COUNTRY	STATION	MONTH	HEIGHT ABOVE MSL m	MEAN TEMPERATURE AND HUMIDITY				MEAN PRESSURE			TOTAL CLOUD AMOUNT (eights)			VISIBILITY IN km (No. of Obs.)						
				DRY BULB °C	WET BULB °C	PRESS hPa & tenths	REL HUM %	REDUCED TO MSL hPa & tenths	MEAN WIND SPEED kt	MEAN WIND DIR	NUMBER OF OBSERVATIONS	MEAN AMT	0	1,2	3-5	6,7	8	9		
MONTSEERRAT	Blackburne Airport	JAN	08	25.4	22.9	26.0	80	1017.9	13.7	4.7	0	2	16	9	0	0	0	1	2	24
		14	27.0	23.6	26.5	74	1016.4	13.1	3.9	0	7	13	7	0	0	0	0	0	3	24
	FEB	08	25.2	22.3	24.6	77	1017.3	11.6	4.1	0	5	14	8	0	0	0	0	0	0	27
		14	27.4	23.0	24.5	67	1015.8	10.8	3.5	0	10	10	4	0	0	0	0	0	0	24
	MAR	08	26.5	23.2	25.8	74	1016.6	12.1	4.7	0	4	16	10	0	0	0	0	0	2	28
		14	28.1	23.7	25.9	68	1015.2	12.3	3.9	0	7	17	5	0	0	0	0	0	0	26
	APR	08	27.0	23.3	25.6	72	1016.0	11.9	4.7	0	0	19	7	1	0	0	0	0	0	27
		14	28.7	23.9	25.8	66	1014.5	12.0	3.6	0	8	15	4	0	0	0	0	0	0	27
	MAY	08	27.7	25.0	29.4	79	1015.5	12.5	5.6	0	0	14	3	0	0	0	0	1	4	26
		14	28.9	25.5	29.8	75	1014.5	12.6	5.3	0	3	11	9	5	0	0	0	2	3	23
	JUN	08	28.7	25.5	30.1	76	1017.3	12.1	4.5	0	5	12	13	0	0	0	0	0	6	24
		14	29.9	26.0	30.5	72	1016.3	12.2	4.3	0	10	9	11	0	0	0	0	0	7	23
	JUL.	08					1017.7	13.9	5.2	0	1	17	12	1	0	0	0	0	5	26
		14					1016.8	13.4	5.1	0	2	16	11	1	0	0	0	0	4	26
	AUG	08	28.4	25.6	30.6	79	1018.5	12.1	4.5	0	2	21	7	1	0	0	0	1	30	
		14	29.8	26.3	31.4	75	1017.5	11.6	4.3	0	8	14	8	1	0	0	0	0	31	
	SEP	08	28.5	25.4	30.1	78	1017.1	12.0	4.9	0	3	16	11	0	0	0	0	1	29	
		14	29.8	26.1	30.1	74	1015.9	11.5	4.8	0	1	19	8	2	0	0	0	1	28	
	OCT	08	28.0	25.1	29.6	78	1016.0	9.4	4.5	0	3	19	9	0	0	0	0	1	30	
		14	29.5	25.6	29.8	72	1014.3	9.1	4.1	0	8	14	9	0	0	0	0	0	31	
	NOV	08	27.8	24.5	28.2	75	1017.4	9.3	4.3	0	4	20	6	0	0	0	0	0	30	
		14	28.9	25.1	28.9	73	1015.6	9.9	4.1	0	5	17	8	0	0	0	0	0	30	
	DEC	08	26.4	23.8	27.4	79	1018.3	10.5	4.9	0	2	9	9	1	0	0	0	0	1	

TABLE I SUMMARY OF OBSERVATIONS AT FIXED HOURS 1983

COUNTRY	STATION	MONTH	HEIGHT ABOVE MSL m	HOUR LST	MEAN TEMPERATURE AND HUMIDITY			REDUCED PRESSURE TO MSL hPa & tenths	WIND SPEED kt	MEAN	TOTAL CLOUD AMOUNT (heights)		VISIBILITY IN Km (No. of Obs.)					
					DRY BULB °C	WET BULB °C	PRESS hPa & tenths				MEAN	AMT	0	1,2	3,5	6,7	8	9
ANTIGUA																		
Coolidge	Airport	JAN	8	02	23.8	21.8	24.7	84	1015.5	10.7	3.4	3	12	8	7	1	0	0
		09	24.3	22.0	24.5	81	1016.6	10.8	4.1	0	7	18	6	0	0	0	0	1
		14	27.2	23.0	24.9	69	1015.1	13.0	4.0	0	7	18	6	0	0	0	0	1
		20	24.7	22.3	24.9	80	1016.1	11.1	2.9	2	13	13	3	0	0	0	0	2
FEB		02	23.1	21.6	24.6	87	1015.0	7.3	2.8	5	10	6	5	2	0	0	0	0
		08	24.2	22.1	25.1	83	1016.0	9.0	3.4	0	14	9	5	0	0	0	0	0
		14	27.6	23.2	25.1	68	1014.8	11.5	3.4	0	11	11	6	0	0	0	0	0
		20	26.4	22.3	25.2	83	1015.7	7.9	3.1	2	11	9	5	1	0	0	0	0
MAR		02	24.7	22.5	25.8	83	1014.1	9.9	2.6	1	16	13	1	0	0	0	0	0
		08	25.8	22.9	25.6	77	1015.4	11.5	3.4	0	10	16	5	0	0	0	0	0
		14	28.4	23.7	25.6	66	1014.3	14.2	3.4	0	10	17	3	1	0	0	0	0
		20	25.4	22.8	25.8	80	1014.7	10.5	2.5	0	19	11	1	0	0	0	0	2
APR		02	25.0	22.7	25.8	82	1013.4	9.3	2.9	2	15	8	4	1	0	0	0	0
		08	26.6	23.2	25.8	74	1015.0	11.1	4.1	0	7	13	9	1	0	0	0	0
		14	28.6	24.0	26.2	67	1013.6	13.2	3.9	0	9	12	8	1	0	0	0	1
		20	25.8	23.2	26.3	79	1014.0	10.8	3.3	2	12	10	4	2	0	0	0	0
MAY	B	02	26.0	24.2	28.8	85	1013.3	10.6	4.8	0	8	10	6	7	0	0	0	0
		08	27.4	24.7	28.8	79	1014.3	13.2	5.6	0	1	13	13	4	0	0	0	0
		14	29.1	25.1	28.6	71	1013.5	13.8	5.6	0	3	9	13	6	0	0	0	0
		20	26.6	24.4	28.7	82	1014.2	11.2	4.8	0	7	9	10	5	0	0	0	0
JUN		02	26.8	24.6	29.1	83	1015.1	10.8	3.9	1	7	13	9	0	0	0	0	0
		08	28.2	25.0	29.0	76	1016.5	12.8	4.2	0	3	19	7	1	0	0	0	0
		14	29.9	25.3	28.5	68	1015.1	14.2	4.8	0	4	13	10	3	0	0	0	0
		20	27.5	24.7	29.0	79	1015.7	10.9	3.8	2	7	13	8	0	0	0	0	0

TABLE I SUMMARY OF OBSERVATIONS AT FIXED HOURS 1983

COUNTRY	MONTH	HEIGHT ABOVE MSL	STATION	HOUR	MEAN TEMPERATURE AND HUMIDITY			REDUCED PRESSURE 10 MSL hPa & tenths	MEAN WIND SPEED kt	TOTAL CLOUD AMOUNT (eights)			VISIBILITY IN Km (No. of times)					
					DRY BULB °C	WET BULB °C	PRESSURE hPa & tenths			MEAN AMT	0	1-2	3-5	6-7	8	9	10	
ANTIGUA			Coolidge Airport	JUL	02	27.2	24.9	29.7	82	1015.4	13.1	4.9	0	3	15	11	2	0
				08	28.0	25.2	29.9	79	1016.5	13.6	5.5	0	2	11	16	2	0	0
				14	30.2	25.9	30.0	70	1016.0	14.6	5.5	0	4	8	16	3	0	0
				20	27.8	25.2	30.0	80	1016.4	13.2	5.0	0	3	15	11	2	0	0
	AUG			02	27.0	25.0	30.0	84	1016.2	11.0	3.7	0	9	15	7	0	0	0
				08	28.2	25.5	30.5	80	1017.2	12.1	4.2	0	5	19	7	0	0	0
				14	30.0	26.2	31.0	73	1016.4	13.3	4.6	0	5	14	10	2	0	0
				20	27.5	25.3	30.4	83	1016.8	11.5	4.0	0	9	13	8	1	0	0
	SEP			02	27.2	24.8	29.5	82	1014.6	11.8	4.0	1	7	13	8	1	0	0
				08	28.4	25.4	30.0	78	1015.9	12.8	4.9	0	1	14	15	0	0	0
				14	30.2	25.8	29.9	70	1015.0	13.3	5.1	0	4	11	11	4	0	0
				20	27.7	25.2	30.0	81	1015.6	11.6	4.6	0	4	16	9	1	0	0
	OCT			02	25.9	24.0	28.3	85	1013.3	6.1	2.7	0	14	16	1	0	0	0
				08	28.0	24.8	28.8	76	1014.7	9.5	4.1	0	4	22	5	0	0	0
				14	29.7	25.3	28.7	63	1013.2	10.7	4.7	0	4	16	11	0	0	0
				20	26.7	24.3	28.7	82	1014.1	7.8	3.4	0	11	17	2	1	0	0
	NOV			02	25.6	23.6	27.7	84	1014.7	6.8	2.7	1	14	13	1	1	0	0
				08	27.5	24.4	28.1	77	1016.1	9.1	3.6	0	12	10	8	0	0	0
				14	29.4	25.0	28.1	69	1014.4	11.5	3.6	0	8	17	5	0	0	0
				20	26.6	24.1	28.0	80	1015.9	8.5	3.1	1	12	13	4	0	0	0
	DEC			02	25.0	23.4	27.5	87	1015.7	9.9	2.8	0	15	12	4	0	0	0
				08	26.1	23.9	28.1	77	1017.1	9.7	4.0	0	8	13	10	0	0	0
				14	28.4	24.7	28.3	73	1015.5	11.6	4.7	0	3	16	11	1	0	0
				20	25.8	23.6	27.5	83	1016.5	9.8	2.7	2	17	8	3	1	0	0

TABLE I SUMMARY OF OBSERVATIONS AT FIXED HOURS 1983

COUNTRY	STATION	MONTH	HEIGHT ABOVE MSL m	MEAN TEMPERATURE AND HUMIDITY HOUR	MEAN PRESSURE AND REDUCED PRESSURE TO MSL hPa & tenths	MEAN WIND SPEED kt	TOTAL CLOUD AMOUNT (heights)		VISIBILITY IN km (No. of obs)							
							MEAN	REDUCED	MEAN	MEAN	0	1,2	3-5	6,7	8	9
ST. KITTS	Golden Rock Airport	JAN	08	24.6 21.7	23.7 76	1017.9	11.7	5.1	0	3	14	14	0	0	0	0
			14	27.0 22.9	24.5 68	1016.5	12.8	4.2	0	5	17	9	0	0	0	1
		FEB	08	24.4 21.9	24.3 80	1017.3	8.4	4.8	0	5	10	13	0	0	0	0
			14	27.7 23.2	24.6 66	1016.1	11.1	4.4	0	9	8	11	0	0	0	0
		MAR	08	25.9 22.6	24.8 74	1016.7	11.2	4.6	0	4	17	10	0	0	0	0
			14	28.9 23.5	24.8 63	1015.6	13.4	4.1	0	10	14	7	0	0	0	0
		APR	08	26.2 22.8	25.0 73	1016.2	10.9	5.0	0	1	18	10	1	0	0	0
			14	28.8 23.7	25.1 63	1014.8	11.9	4.4	0	6	13	10	1	0	0	0
		MAY	08	26.7 24.6	29.3 84	1015.8	10.3	5.8	0	0	16	10	5	0	0	0
			14	28.3 25.2	29.5 77	1015.1	11.5	6.4	0	0	7	18	6	0	0	0
		JUN	08	27.7 24.9	29.2 79	1017.6	11.7	5.2	0	2	12	16	0	0	0	0
			14	29.5 25.6	29.8 72	1016.7	13.2	4.7	0	7	10	12	1	0	0	0
		JUL	08	27.6 25.2	30.2 82	1018.1	13.7	6.0	0	0	9	20	2	0	0	0
			14	29.8 26.1	30.8 73	1017.5	14.9	5.2	0	5	9	16	1	0	0	0
		AUG	08	27.5 24.8	29.2 80	1018.9	12.0	4.8	0	2	18	10	1	0	0	0
			14	29.8 25.8	29.9 71	1018.0	12.8	5.2	0	1	13	16	1	0	0	0
		SEP	08	28.2 25.1	29.3 77	1017.6	12.2	5.5	0	2	11	16	1	0	0	0
			14	30.2 25.8	29.8 70	1016.5	12.9	5.2	0	2	14	11	3	0	0	0
		OCT	08	27.6 24.5	28.3 77	1016.3	8.8	4.6	0	1	21	9	0	0	0	0
			14	29.8 25.2	28.4 68	1014.7	10.5	4.8	0	4	13	13	1	0	0	0
		NOV	08	26.6 23.8	27.3 78	1017.7	8.1	4.4	0	4	18	7	1	0	0	0
			14	29.1 24.5	27.2 68	1015.9	11.9	4.0	0	6	16	7	1	0	0	0
		DEC	08	25.5 22.9	26.2 80	1018.7	11.7	4.5	0	4	13	14	0	0	0	0
			14	27.7 23.8	26.3 71	1017.0	13.7	4.9	0	2	15	14	0	0	0	0

TABLE I SUMMARY OF OBSERVATIONS AT FIXED HOURS 1983

COUNTRY STATION	MONTH	HEIGHT ABOVE MSL m	HOUR	MEAN TEMPERATURE AND HUMIDITY			TOTAL CLOUD AMOUNT (eights)			VISIBILITY IN KM (No. of Obs.)							
				DRY BULB °C	WET BULB °C	LST	MEAN REDUCED PRESSURE TO MSL hPa & tenths	MEAN WIND SPEED kt	Number of observations	MEAN	AMT	0	1,2	3-5	6,7	8	9
ST. KITTS	La Guerite		JAN	48	08	25.4	22.3	24.6	76								
			FEB	08	25.3	21.9	23.7	73									
			MAR	08	26.8	23.4	26.1	74									
			APR	08	26.5	23.5	26.4	76									
			MAY	08	27.8	25.0	29.5	79									
			JUN	08	28.9	25.6	30.1	76									
			JUL	08	28.4	25.6	30.6	79									
			SEP	08	28.8	25.6	30.3	77									
			OCT	08	28.1	25.0	29.1	76									
			NOV	08	27.5	24.0	27.1	74									

National Agric.

Crop.	JAN	07	23.8	21.7	24.2	82
	FEB	07	23.2	20.6	22.4	79
	MAR	07	24.9	22.7	25.9	82
	APR	07	25.5	22.8	25.5	78
	MAY	07	26.8	24.4	28.7	81
	JUN	07	28.2	24.9	28.6	75
	JUL	07	28.1	25.1	29.6	78
	AUG	07	28.0	24.7	28.8	76
	SEP	07	28.1	24.8	28.8	76
	OCT	07	27.6	24.5	28.2	76
	NOV	07	26.4	23.5	26.6	77
	DEC	07	25.9	23.0	25.7	77

TABLE I SUMMARY OF OBSERVATIONS AT FIXED HOURS 1983

COUNTRY STATION	MONTH	HEIGHT ABOVE MSL m	MEAN HOUR LST	MEAN TEMPERATURE AND HUMIDITY				REDUCED PRESS hPa & tenths	MEAN WIND SPEED kt	TOTAL CLOUD AMOUNT (eights)		VISIBILITY IN km (No. of Obs)					
				DRY BULB °C	WET BULB °C	VAPOUR PRESS hPa & tenths	REL HUM %			MEAN	NUMBER OF OBSERVATIONS	0	1-2	3-5	6-7	8	9
CAYMAN ISLANDS																	
West Bay G.C.	JAN	09	25.7	23.3	26.9	82				4.7	4.3	3	10	6	3	9	0
	FEB	09	25.3	22.9	25.9	80				5.3	4.8	1	9	3	8	7	0
	MAR	09	26.2	23.3	26.4	78				7.7	2.2	5	18	5	1	2	0
	APR	09	27.2	23.9	27.1	75				7.6	3.3	2	13	8	4	3	0
	MAY	09	29.0	25.4	29.7	74				8.1	2.3	0	18	13	0	0	0
	JUN	09	29.8	26.7	32.5	77				6.1	3.4	0	12	14	2	2	0
	JUL	09	29.7	26.6	32.4	76				5.2	4.0	2	8	12	4	5	0
	AUG	09	29.9	26.8	32.7	78				4.0	2.6	1	17	11	2	0	0
	SEP	09	29.1	26.4	32.2	80				3.8	0	14	7	2	7	0	
	OCT	09	28.6	25.8	30.9	79				3.5	3.6	1	13	8	5	4	0
	NOV	09	28.1	24.9	29.1	77				4.7	2.7	3	12	11	3	1	0
	DEC	09	27.1	24.2	28.0	76				5.5	3.0	2	16	6	5	2	0

TABLE III SUMMARY OF DAILY OBSERVATIONS 1983

COUNTRY STATION	MONTH	TOTAL AMOUNT	RAINFALL (mm)	AIR TEMPERATURE °C				MEAN GRASS SUNSHINE MIN HR				NO OF DAYS WITH			
				NUMBER OF DAYS WITH OR MORE THAN		MEAN MAX	MEAN MIN	EXTREMES		THUNDER	RAIN	HAIL	FREEZING		
				1.2	10.2-25.4	A	B	(A+B)	MAX MIN	HR	HR	HR	HR	HR	HR
GRENADE															
Pearl's Airport	JAN	57.4	9.4	6	15	0	0	28.3	24.1	26.2	29	21			
	FEB	7.4	1.7	6	4	0	0	28.8	24.1	26.5	30	19			
	MAR	14.0	4.7	4	4	0	0	29.9	25.1	27.5	31	22			
	APR	27.4	7.1	28	6	0	0	30.2	25.1	27.7	31	22			
	MAY	172.2	42.8	6	21	6	2	29.8	25.5	27.6	31	22			
	JUN	150.6	27.1	9	16	5	1	29.9	25.5	27.7	31	23			
	JUL	158.2	24.0	18	22	5	0	30.1	25.3	27.7	31	24			
	AUG	208.9	56.1	16	14	7	3	30.5	25.2	27.9	31	23			
	DEC	102.7	23.8	1	17	3	0	24.3			22				
ST. VINCENT															
Camden Park	APR	15.9	3.5	5	6	0	0	30.8	23.4	27.1	32	21			
	MAY	96.3	33.6	10	13	1	1	30.8	24.6	27.7	33	23	183.7		
	JUN	125.9	21.5	4	19	4	0	30.7	25.1	27.9	32	24	171.5		
	JUL	347.1	40.1	22	27	10	6	30.3	24.6	27.5	33	22	190.9		
	AUG	210.5	28.8	8	19	9	2	30.8	24.7	27.7	33	22	246.9		
	SEP	268.7	47.5	21	21	10	2	30.8	24.5	27.7	33	23	205.5		
	OCT	137.5	47.0	14	14	5	1	30.6	23.8	27.2	32	22	266.6		
	NOV	164.6	71.9	29	17	3	1	30.7	23.1	26.9	33	22	254.0		
	DEC	206.3	36.1	24	17	7	3	29.4	22.7	26.1	32	20	241.2		

TABLE II SUMMARY OF DAILY OBSERVATIONS 1983

COUNTRY STATION	MONTH	RAINFALL (mm)				AIR TEMPERATURE °C				MEAN GRASS SUNSHINE DURATION				NO OF DAYS WITH FOG HAIL GALE			
		TOTAL AMOUNT.	MOST IN A DAY	NUMBER OF DAYS WITH OR MORE THAN	DATE	MAX	MIN	MEAN	EXTREMS	MAX	MIN	(A+B)	A	B	HR	°C	
ST. LUCIA																	
Hewanorra Airport	JAN	104.3	50.1	1	11	2	1	28.3	23.2	25.7	29	21				224.3	
	FEB	15.1	3.6	2	4	0	0	28.6	23.1	25.9	30	20				251.3	
	MAR	20.7	8.5	7	7	0	0	30.0	24.7	27.3	31	21				275.6	
	APR	10.6	2.8	5	5	0	0	30.4	25.0	27.7	31	22				239.3	
	MAY	232.8	110.0	21	13	3	2	30.2	25.4	27.8	31	22				209.5	
	JUN	102.0	26.5	14	19	2	1	30.1	25.4	27.7	31	23				236.4	
	JUL	185.5	33.0	27	24	6	1	30.1	25.0	27.6	32	23				228.2	
	AUG	173.1	34.2	24	16	8	1	30.1	25.1	27.6	31	22				255.1	
	SEP	215.8	62.3	19	19	7	2	30.4	25.0	27.7	31	22				217.3	
	OCT	148.5	72.4	16	14	2	1	30.4	24.7	27.5	31	22				292.3	
	NOV	83.4	32.9	9	11	2	1	30.1	24.4	27.3	31	22				274.1	
	DEC	127.2	36.4	24	14	3	3	29.3	23.9	26.6	30	21				265.2	
Roseau																	
	FEB	11.7	2.0	4	6	0	0	29.2	20.3	24.7	31	16				221.8	
	MAR	30.4	8.6	9	10	0	0	30.3	22.4	26.3	31	18				250.2	
	APR	22.7	8.6	7	6	0	0	31.1	22.0	26.6	33	18				270.6	
	MAY	151.5	52.3	10	17	5	1	30.8	24.5	27.7	32	23				183.2	
	JUN	257.5	57.9	14	18	10	3	30.6	24.2	27.4	33	20				177.8	
	JUL	287.5	34.6	16	23	12	3	30.3	23.8	27.0	32	22				175.3	
	AUG	292.2	33.7	31	21	14	3	30.6	23.6	27.1	32	21				216.9	
	SEP	278.6	34.9	5	22	11	4	30.5	23.7	27.1	32	20				171.9	
	OCT	187.8	61.1	14	16	4	2	30.8	22.6	26.7	32	21				246.6	
	NOV	128.3	44.3	29	17	2	2	30.2	21.9	26.0	32	21				232.2	
	DEC	159.4	39.7	28	18	3	2	29.0	21.7	25.4	30	19				221.8	

TABLE II SUMMARY OF DAILY OBSERVATIONS 1983

COUNTRY STATION	MONTH	TOTAL AMOUNT	MOST IN A DAY	RAINFALL (mm)	AIR TEMPERATURE °C				MEAN GRASS DURATION				NO OF DAYS WITH FOG THUNDER- STORMS HAIL GALE			
					NUMBER OF DAYS WITH OR MORE THAN	MEAN MAX	MEAN MIN	MEAN † (A+B)	MEAN MIN	EXTREMES	MEAN MIN	MEAN MAX	MEAN MIN	MEAN HR	MEAN MIN	MEAN MAX
ST. LUCIA																
Union	FEB	28.6	8.4	13	6	0	0	28.4	20.9	24.7	30	17	228.3			
	MAR	42.3	12.4	9	8	1	0	29.5	23.6	26.6	31	20				
	APR	28.6	5.3	21	8	0	0	30.6	23.9	27.2	33	19				
	SEP	162.7	16.8	24	5	0	0	30.4	24.9	27.7	32	22	169.9			
	OCT	178.3	52.6	17	19	6	2	30.4	23.6	27.0	32	21	238.8			
	NOV	219.3	63.5	29	15	5	3	30.0	23.1	26.5	31	21	211.5			
	DEC	121.2	23.0	25	19	3	0	29.4	22.5	26.0	31	19	216.4			
Vigie Airport																
	JAN	189.7	60.2	1	19	3	2	28.4	22.0	25.2	30	20				
	FEB	26.1	5.0	3	9	0	0	28.8	22.3	25.5	31	19				
	MAR	38.6	11.2	7	9	2	0	30.2	24.0	27.1	31	22				
	APR	22.7	6.9	22	5	0	0	31.0	24.5	27.7	33	22				
	MAY	238.7	52.9	23	20	5	3	30.7	25.3	28.0	32	22				
	JUN	169.5	34.0	14	17	6	1	30.4	25.5	28.0	32	23				
	JUL	278.0	37.3	26	22	10	4	30.2	25.2	27.7	31	23				
	SEP	160.2	21.0	29	22	3	0	30.3	24.6	27.5	32	22				
	OCT	178.9	66.1	15	18	4	1	30.4	24.1	27.2	31	23				
	NOV	168.7	62.0	29	15	5	1	30.3	23.6	27.0	32	22				
	DEC	109.7	18.7	25	17	4	0	29.2	23.5	26.3	30	21				

TABLE II SUMMARY OF DAILY OBSERVATIONS 1983

COUNTRY STATION	MONTH	TOTAL AMOUNT	MOST IN A DAY	RAINFALL (mm)			AIR TEMPERATURE °C			MEAN GRASS DURATION			TOTAL SUNSHINE DURATION			NO OF DAYS WITH	
				NUMBER OF DAYS WITH OR MORE THAN	MEAN MAX	MEAN MIN	MEAN MAX	MEAN MIN	EXTREME S (A+B)	MAX	MIN	HR	HR	HR	FOG	HAIL	GALE
DOMINICA																	
Canefield Airport	JAN	104.1	56.7	1	13	1	29.0	21.1	25.0	30	20						
	FEB	6.3	5.1	12	1	0	29.9	20.9	25.4	33	19						
	MAR	67.8	23.1	7	9	0	30.3	22.1	26.2	32	20						
	APR	3.5	1.8	16	2	0	31.6	23.7	27.6	35	21						
	MAY	103.3	29.4	11	8	4	31.4	24.5	28.0	33	23						
	JUN	79.6	24.2	27	9	3	32.0	24.6	28.3	33	21						
	JUL	313.5	53.3	8	25	12	2	31.3	24.2	27.8	33	22					
MELVILLE AIRPORT																	
	JAN	581.4	28.8	15	23	16	10	27.9	22.2	25.0	29	20				185.0	
	FEB	129.8	66.3	22	10	2	2	28.3	21.3	24.8	30	17				206.3	
	MAR	136.7	41.7	11	12	5	2	29.0	22.8	25.9	30	19				233.8	
	APR	52.9	26.9	16	8	1	1	30.1	23.0	26.6	32	19				243.7	
	MAY	349.3	77.7	11	25	7	4	30.0	24.4	27.2	31	22				178.6	
	JUN	134.1	31.8	11	13	4	2	30.5	24.7	27.6	32	22				206.4	
	JUL	201.5	34.5	27	25	6	2	30.4	24.9	27.6	32	22				171.8	
	AUG	204.9	48.8	24	20	8	1	30.5	24.2	27.4	32	22				223.5	
	SEP	311.7	47.0	2	26	10	4	30.3	24.2	27.3	31	22				163.2	
	OCT	141.1	42.4	14	19	3	1	30.4	23.5	26.9	31	20				260.8	
	NOV	97.6	27.9	9	13	3	1	29.7	22.0	25.8	31	20				229.9	
	DEC	129.1	21.6	26	21	3	0	29.0	22.3	25.6	30	19				210.4	
MONTSERRAT																	
Grove	APR	127.6	99.1	16	5	3	1	30.4	23.3	26.8	32	21	21.1			210.5	
	MAY	326.9	97.5	13	17	7	5	30.3	22.4	26.4	32	19	22.4			183.3	
	JUN	33.6	16.0	8	4	1	0	30.9	22.0	26.4	33	15	23.1			216.2	

TABLE II SUMMARY OF DAILY OBSERVATIONS 1983

COUNTRY STATION	MONTH	TOTAL AMOUNT	RAINFALL (mm)	NUMBER OF DAYS WITH OR MORE THAN				AIR TEMPERATURE °C				MEAN GRASS DURATION				NO OF DAYS WITH			
				MOST IN A DAY	DATE	1.2	10.2	25.4	A	B	(A+B)	MAX	MIN	MEAN	MAX	MIN	HR	FOG	HAIL
ANTIGUA																			
Coolidge Airport	JAN	31.1	5.0	2	11	0	0	28.1	22.6	25.3	29	20							
	FEB	9.9	4.2	17	2	0	0	28.5	21.7	25.1	31	17							
	MAR	28.7	8.2	11	6	0	0	29.3	23.9	26.6	31	22							
	APR	19.9	13.4	16	2	1	0	29.7	24.4	27.1	31	22							
	MAY	85.4	35.2	17	11	2	1	30.0	24.8	27.4	32	22							
	JUN	45.3	14.6	6	6	2	0	30.8	25.6	28.2	32	24							
	JUL	64.0	17.5	27	11	1	0	31.3	25.8	28.5	32	24							
	AUG	90.4	15.1	19	13	3	0	31.0	25.8	28.4	32	23							
	SEP	72.5	45.1	20	8	1	1	31.3	26.0	28.6	32	22							
	OCT	54.7	12.0	23	6	2	0	30.8	24.8	27.8	32	21							
	NOV	22.7	9.3	4	5	0	0	30.5	24.6	27.5	32	21							
	DEC	42.7	11.2	10	11	1	0	29.4	23.8	26.6	31	20							

ST. KITTS/NEVIS

La Guerite	JAN	69.7	10.5	30	14	1	0	27.8	21.1	24.5	30	16	273.3				
	FEB	5.9	3.0	15	3	0	0	28.4	21.7	25.0	30	19	252.6				
	APR	59.7	49.0	18	4	1	1	29.8	22.4	26.1	31	20	244.0				
	MAY	197.1	60.0	24	14	5	2	30.0	23.3	26.7	32	21					
	JUN	39.7	12.0	9	8	1	0	31.1	25.0	28.0	34	22					
	SEP	58.3	15.5	20	11	2	0	31.6	22.8	27.2	33	21	211.2				
	OCT	49.2	24.0	12	7	1	0	30.4	23.2	27.4	33	22	254.6				
	NOV												261.0				

TABLE II SUMMARY OF DAILY OBSERVATIONS 1983

COUNTRY STATION	MONTH	RAINFALL (mm)			AIR TEMPERATURE °C			MEAN GRASS SUNSHINE MIN			TOTAL SUNSHINE DURATION HR			NO OF DAYS WITH THUNDER		
		TOTAL AMOUNT	MOST IN A DAY	NUMBER OF DAYS WITH OR MORE THAN 1.2 / 10.2 / 25.4	MEAN MAX	MEAN MIN	EXTREMES	A	B	(A+B)	MAX	MIN	°C	FOG	HAIL	GALE
ST. KITTS/NEVIS																
National Agr. Corp	JAN	41.4	6.9	29	12	0	0	29.4	22.4	25.9	32	21				
	FEB	12.0	3.0	13	5	0	0	30.2	21.5	25.8	32	18				
	MAR	20.5	15.6	27	3	1	0	31.3	23.3	27.3	33	21				
	APR	57.5	42.0	18	5	1	1	31.4	23.4	27.4	32	21				
	MAY	271.8	83.0	24	16	5	2	31.0	24.0	27.5	33	21				
	JUN	38.6	15.8	9	7	1	0	31.5	25.2	28.3	32	23				
	AUG	58.8	11.4	19	13	1	0	31.3	25.0	28.2	33	23				
	SEP	85.1	21.4	26	13	3	0	31.7	25.4	28.5	33	22				
	OCT	70.8	17.0	30	11	2	0	31.6	24.3	28.0	32	22				
	NOV	112.7	32.6	13	12	3	2	30.9	23.5	27.2	32	21				
	DEC	94.7	18.7	25	14	3	0	29.4	23.2	26.3	31	21				
CAYMAN ISLANDS																
West Bay G.C.	JAN	82.2	24.9	19	10	3	0	28.1	21.4	24.8	30	18	182.7			
	FEB	96.9	33.0	26	9	3	2	28.1	21.3	24.7	33	17	156.7			
	MAR	51.3	21.6	15	5	2	0	28.5	22.1	25.3	30	16	262.7			
	APR	30.4	16.8	16	4	1	0	29.6	21.5	25.5	31	11	283.6			
	MAY	19.3	9.9	15	4	0	0	31.1	24.4	27.7	33	18	329.4			
	JUN	71.4	32.0	11	6	2	1	32.1	25.8	29.0	34	22	258.5			
	JUL	160.5	76.2	15	10	5	2	31.8	25.6	28.7	33	22	218.4			
	AUG	83.6	19.3	8	13	3	0	31.9	24.7	28.3	33	22	261.9			
	SEP	100.4	16.0	14	13	5	0	31.8	24.9	28.3	33	22	199.8			
	OCT	162.3	46.7	29	14	6	1	31.1	23.7	27.4	33	21	189.0			
	NOV	223.4	137.2	13	8	3	2	30.3	24.0	27.1	31	20	242.2			
	DEC	104.4	32.8	17	10	3	2	29.7	22.7	26.2	31	19	254.1			

TABLE III SUMMARY OF AGROMETEOROLOGICAL OBSERVATIONS 1983

COUNTRY STATION	MONTH	RUN OF WIND (kilometers)		EVAPORATION (.1 mm)			TOTAL EVAPORATION (MJ/m ²)		
		DAILY	MOST IN A DAY	TOTAL AMOUNT	MOST IN A DAY	DATE	TOTAL AMOUNT	MOST IN A DAY	LEAST IN A DAY

ST. VINCENT

Camden Park	MAY	23	53						
	JUN	29	87	125.6	6.8	18			
	JUL	18	68	123.2	8.5	12			
	AUG	16	38	149.9	11.3	28			
	SEP	15	37	129.1	7.3	17			
	OCT	11	47	128.9	7.1	14			
	NOV	8	33	108.6	5.8	19			
	DEC	10	57	100.9	8.9	24			

ST. LUCIA

Hewanorra Airport	JAN	271	372	182.7M	12.7	6			
	FEB	208	377	162.9	9.5	19			
	MAR	254	459	242.4	11.3	30			
	APR	246	322	274.5	11.8	1			
	MAY	260	324	195.9M	10.1	1			
	JUN	251	349	196.5	11.2	15			
	JUL	248	353	195.5	9.5	28			
	AUG	193	347						
	SEP	202	272	161.2	8.4	4			
	OCT	154	278	193.0M	10.4	26			
	NOV	124	280						
	DEC	160	336						

TABLE III SUMMARY OF AGROMETEOROLOGICAL OBSERVATIONS 1983

COUNTRY STATION	MONTH	RUN OF WIND (kilometers)		EVAPORATION (.1 mm)			TOTAL EVAPORATION (MJ/M ²)		
		DAILY	MOST IN A DAY	TOTAL AMOUNT	MOST IN A DAY	DATE	TOTAL AMOUNT	MOST IN A DAY	LEAST IN A DAY

ST. LUCIA

Roseau	FEB	79	176	107.1	5.3	24			
	MAR	103	187	158.1	7.9	31			
	APR	109	171	173.8	7.9	27			
	MAY	113	170	139.1	7.0	7			
	JUN	98	179	142.8	9.6	18			
	JUL	97	171	115.0	6.8	29			
	AUG	97	184	129.3	7.5	18			
	SEP	94	191	125.5	7.3	8			
	OCT	79	180	132.1	7.2	7			
	NOV	68	135	97.1	5.9	20			
	DEC	78	167	97.3M	6.3	19			

Union	FEB	24	75						
	MAR	41	80	192.5	8.9	30	773.70	29.72	16.95
	APR	50	111	207.6	9.7	27	760.94	29.72	21.81
	SEP	24	141	138.1	10.8	8	570.94	24.99	12.43
	OCT			153.2	8.5	3	756.23	32.86	14.65
	NOV			129.0	9.9	20	677.28	30.14	14.83
	DEC			124.4	7.0	13	703.92	27.08	14.65

MONTserrat

Grove	APR	127	220	158.9M	10.4	20			
	MAY	100	169						
	JUN	119	352	149.7	9.5	28			

TABLE III SUMMARY OF AGROMETEOROLOGICAL OBSERVATIONS 1983

COUNTRY STATION	MONTH	RUN OF WIND (kilometers)		EVAPORATION (.1 mm)			TOTAL EVAPORATION (MJ/M ²)		
		DAILY	MOST IN A DAY	TOTAL AMOUNT	MOST IN A DAY	DATE	TOTAL AMOUNT	MOST IN A DAY	LEAST IN A DAY

ST. KITTS/NEVIS

Le Guerite	JAN	223	534	129.8	9.1	25			
	FEB	183	294	153.4	8.8	14			
	APR	199	357	221.8	11.2	4			
	MAY	170	262	163.8	9.8	28			
	JUN	179	295	154.8	8.5	28			
	SEP	210	413	125.9	8.8	21			
	OCT	139	235	169.1	9.6	16			
	NOV	151	450	150.0	9.0	19			

National Agri.

Corp.	JAN		127.4	8.4	28				
	FEB		136.7	9.5	22				
	MAR		173.2	10.5	27				
	APR		182.8	10.2	9				
	MAY		160.8	12.0	19				
	JUN		165.0	8.5	11				
	AUG		172.5	9.6	12				
	SEPT		157.2	8.4	11				
	OCT		152.9	7.5	26				
	NOV		126.8	6.8	18				
	DEC		135.1	7.7	8				

CAYMAN ISLANDS

West Bay G.C	JAN	160	324	111.7	6.6	13	489.26	22.04	7.00
	FEB	173	372	108.7	6.4	1	468.31	21.66	5.49
	MAR	215	363	170.6	8.6	17	671.39	26.69	9.60
	APR	216	383	196.2	8.1	12	731.43	29.08	18.81
	MAY	225	342	211.5	8.4	10	807.43	29.20	20.07
	JUN	204	322	192.4	8.7	6	686.19	28.16	12.11
	JUL	196	287	185.7	8.6	1	675.75	29.08	5.03
	AUG	123	241	168.4	8.4	13	688.37	27.61	12.23
	SEP	139	198	153.6	7.4	10	607.00	26.94	6.29
	OCT	129	363	132.5	7.6	29	560.08	26.10	8.12
	NOV	152	335	130.1	6.6	3	568.53	22.92	6.08
	DEC	158	411	134.4	6.4	30	571.34	21.79	5.82

TABLE IV - SUMMARY OF RAINFALL INTENSITY RECORDS 1983

COUNTRY STATION	MONTH	MAXIMUM AMOUNTS (mm) IN RAINFALL DAY DURING SPECIFIED PERIODS OF TIME							
		5 mins	10 mins	15 mins	30 mins	1 hour	2 hours	6 hours	12 hours

ST. LUCIA

Union	MAR	2.3	2.8	3.1	5.1	7.4	7.4	9.1	12.2
	APR	3.1	3.1	4.1	4.1	4.1	4.1	4.8	4.8
	SEP	7.1	9.1	10.9	10.9	10.9	10.9	12.7	13.8
	OCT	10.2	16.3	22.4	37.6	42.2	48.6	51.0	52.6
	DEC	4.1	4.8	5.8	7.7	7.7	8.9	16.8	16.8

ST. KITTS/NEVIS

La Guerite	MAY	9.0	12.0	16.0	30.0	36.0	38.0	45.0	49.5
	JUN	3.5	6.0	6.0	6.5	12.0	12.0	12.0	12.0
	JUL	5.0	6.0	10.5	12.0	13.0	15.0	16.5	16.5

CAYMAN ISLANDS

West Bay G.C.	JAN	4.6	7.1	7.6	8.1	9.9	10.9	17.5	24.9
	MAR	4.1	7.1	8.9	11.9	15.5	21.3	21.6	21.6
	APR	4.8	6.6	6.9	7.4	9.4	9.4	16.8	16.8
	MAY	3.8	4.8	6.4	9.7	9.9	9.9	9.9	9.9
	JUN	6.1	10.2	10.2	17.8	27.2	29.5	32.0	32.0
	JUL	7.6	10.7	13.5	27.4	39.6	50.0	59.4	76.2
	AUG	6.6	11.2	13.5	14.5	17.5	19.1	19.3	19.3
	SEP	4.6	6.4	7.1	7.1	12.4	13.2	13.2	13.2
	OCT	12.2	17.3	19.3	20.8	25.7	26.9	36.1	38.6
	NOV	12.7	20.3	26.2	37.8	53.8	79.5	137.2	137.2
	DEC	6.1	8.6	10.7	15.2	23.6	32.8	32.8	32.8

TABLE V - SUMMARY OF WINDSPEED RECORDS 1983

COUNTRY STATION	MONTH	HIGHEST HOURLY WIND kt				HIGHEST GUST kt				NO. OF HOURS WITH GUSTS EXCEEDING			MEAN WIND SPEED kt
		DIRN	SPEED	HOUR LINED	DATE	DIRN	SPEED	TIME LST	DATE	33	47	63	

ST. VINCENT

Arynos Vale

Airport

JAN	10	21	14	5	11	34	1720	6	1	0	0	0	11.6
FEB	11	18	11	28	06	28	0805	1	0	0	0	0	9.5
MAR	11	18	12	15	08	29	1255	14	0	0	0	0	10.5
APR	10	18	13	1	10	27	1210	6	0	0	0	0	10.5
MAY	10	18	11	5	11	29	1130	14	0	0	0	0	11.0
JUN	10	20	8	6	15	34	0920	14	1	0	0	0	10.8
JUL	11	20	16	10	11	38	1515	10	2	0	0	0	10.3
AUG	09	19	09	23	07	30	1555	22	0	0	0	0	10.1
SEPT	10	16	11	13	12	37	1420	30	1	0	0	0	9.0
OCT	10	18	13	8	10	33	1250	8	0	0	0	0	8.0
NOV	10	16	12	5	11	32	1805	18	0	0	0	0	9.6
DEC	09	19	13	27	09	29	0935	2	0	0	0	0	9.8

DOMINICA

Canefield

Airport

JAN	16	02	10	12	33	1130	27	0	0	0	0	0	5.0
FEB	14	15	10	27	15	27	1120	27	0	0	0	0	4.7
MAR	15	17	13	16	15	31	1240	16	0	0	0	0	5.7
APR	15	15	13	20		29	1425	25	0	0	0	0	6.2
MAY		16	03	17		28	1345	24	0	0	0	0	5.3
JUL	09	12	18	7	12	35	1525	13	1	0	0	0	6.4

ANTIGUA

Coolidge

Airport

JAN	09	23	11	5	09	37	1025	5	2	0	0	0	12.6
FEB	10	16	7	12	10	25	1315	3	0	0	0	0	9.1
MAR	17	20	11	12	15	30	1710	17	0	0	0	0	12.4
APR	15	20	15	20	15	31	1435	20	0	0	0	0	12.5
MAY	03	26	16	13	03	37	1555	13	1	0	0	0	13.0
JUN	11	24	13	28	09	35	0930	6	1	0	0	0	13.3
JUL	13	22	09	28	11	35	1520	6	3	0	0	0	15.1
AUG	11	23	13	27	07	35	0215	24	2	0	0	0	12.3
SEPT	10	23	24	19	10	38	1125	20	7	0	0	0	13.5
OCT	09	18	16	1	11	28	1810	14	0	0	0	0	10.2
NOV	10	20	22	27	10	29	2130	27	0	0	0	0	9.5
DEC	09	18	09	10	05	28	1600	21	0	0	0	0	11.1

TABLE V - SUMMARY OF WINDSPEED RECORDS 1983

COUNTRY STATION	MONTH	HIGHEST HOURLY WIND kt				HIGHEST GUST kt				NO. OF HOURS WITH GUSTS EXCEEDING			MEAN WIND SPEED kt
		DIRN	SPEED	HOUR INDEX	DATE	DIRN	SPEED	TIME LST	DATE	33	47	63	

CAYMAN ISLANDS

West Bay G.C.	JAN	01	14	13	13	01	26	0610	13	0	0	0	5.3
	FEB	16	18	12	2	16	36	1305	16	1	0	0	5.9
	MAR	17	20	14	16	35	40	1515	31	2	0	0	7.3
	APR	17	16	11	23	28	28	0605	3	0	0	0	6.7
	MAY	16	14	14	30	16	24	1350	30	0	0	0	6.6
	JUN	14	12	15	6	19	24	1250	13	0	0	0	5.8
	JUL	06	14	24	13	07	28	2320	13	0	0	0	5.3
	AUG	10	13	17	23	08	23	1610	1	0	0	0	4.0
	SEPT	19	12	08	13	12	28	1600	14	0	0	0	4.4
	OCT	18	14	04	26	11	26	0830	2	0	0	0	3.5
	NOV	11	14	23	8	11	28	2200	8	0	0	0	3.7
	DEC	02	18	5	25	02	18	0420	25	0	0	0	4.6

TABLE VI - SUMMARY OF SUNSHINE RECORDS 1983

COUNTRY STATION	MONTH	MEAN DURATION (hundredths of an hour) DURING SPECIFIED HOURS (Local Apparent Time)												TOTAL DURATION (hours)	PERCENT POSSIBLE DAY	MOST IN A DATE	NO OF DAYS WITH AMOUNTS WITHIN THE RANGE(S) (hours)
		5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19		

ST. VINCENT

Camden Park	MAY	0	5	35	53	61	68	64	62	65	61	53	46	19	0	183.7	47
	JUN	0	2	31	53	76	77	67	60	55	54	45	40	11	0	171.5	44
	JUL	0	5	47	45	61	60	55	71	68	67	53	16	0	190.9	50	
	AUG	0	15	57	70	77	75	77	81	86	83	75	65	34	0	246.9	63
	SEP	0	7	55	76	79	86	78	69	71	61	51	42	12	0	205.5	56
	OCT	0	4	70	88	88	85	87	80	84	85	84	80	25	0	266.2	73
	NOV	0	2	54	77	86	94	85	85	88	90	82	78	24	0	254.0	73
	DEC	0	2	43	74	83	85	82	79	81	82	84	72	12	0	241.2	68

ST. LUCIA

Hewanorra Airport	JAN	0	6	53	73	80	82	79	77	75	69	68	57	5	0	224.3	63
	FEB	0	26	71	77	79	91	96	93	90	88	82	14	0	251.3	77	
	MAR	0	22	74	84	94	69	87	91	89	85	87	75	14	0	275.6	74
	MAY	0	28	57	70	72	72	68	68	58	60	56	46	21	0	209.5	53
	JUN	0	23	60	66	78	84	83	84	86	80	69	58	18	0	236.4	61
	JUL	0	29	64	68	74	69	72	75	74	72	68	57	13	0	228.2	57

Union	FEB	0	4	51	74	82	90	94	93	88	89	86	62	0	0	228.3	70
	SEP	0	1	24	55	72	72	70	69	64	60	48	30	3	0	169.9	46
	OCT	0	0	55	75	85	89	85	81	76	77	64	0	0	238.8	65	
	NOV	0	2	44	73	88	85	80	83	81	70	75	24	0	0	211.5	61
	DEC	0	0	38	69	79	83	85	84	83	75	21	0	0	0	216.4	62

TABLE VI - SUMMARY OF SUNSHINE RECORDS 1983

COUNTRY	STATION	MONTH	MEAN DURATION (hundredths of an hour) DURING SPECIFIED HOURS (Local Apparent Time)												TOTAL NUMBER OF DAYS	PERCENTAGE POSSIBLE IN A DAY	TOTAL NUMBER OF DAYS WITH AMOUNTS WITHIN THE RANGES (hours)									
			10-11	9-10	8-9	7-8	6-7	5-6	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19										
DOMINICA	Marlville Hall	Airport	0	35	58	63	66	72	71	69	59	38	2	0	185.0	53	9.5	18	1	3	10	12	5	0		
		FEB	0	5	55	68	70	77	80	83	85	85	71	49	9	0	206.3	63	10.4	27	2	1	4	12	9	0
		MAR	0	14	65	74	77	80	83	81	84	80	71	40	6	0	233.8	63	10.4	18	0	1	4	18	8	0
		APR	0	36	70	78	84	84	80	77	80	78	70	57	19	0	243.7	65	11.8	25	1	1	14	12	0	0
		MAY	0	25	49	62	61	58	53	59	55	53	47	39	13	0	178.6	45	11.6	9	1	7	6	9	7	1
		JUN	0	12	52	71	75	71	72	71	69	64	48	9	0	206.4	53	11.1	18	0	4	5	14	7	0	
		JUL	0	13	46	64	64	70	61	54	51	45	33	9	0	171.8	43	10.9	31	1	0	8	8	6	0	
		AUG	0	28	62	68	70	70	65	67	73	75	72	55	16	0	223.5	57	11.2	1	1	3	5	11	11	0
		SEP	0	12	43	61	72	77	71	63	60	55	30	5	0	183.2	50	10.9	7	1	6	5	14	4	0	
		OCT	0	8	69	86	90	93	95	91	84	81	77	57	10	0	260.8	71	10.3	2	0	0	3	11	17	0
		NOV	0	2	55	81	85	88	80	82	80	77	68	57	10	0	229.9	67	10.4	2	0	3	4	12	11	0
		DEC	0	0	38	67	80	83	86	79	79	73	60	33	0	0	210.4	61	9.5	13	0	2	8	17	4	0
ST. KITTS	Le Guerite	JAN	0	10	68	91	91	90	92	97	92	81	57	15	0	273.3	78	10.4	15	0	0	2	13	16	0	
		FEB	0	21	74	81	91	91	93	89	89	85	85	82	21	0	252.6	78	11.3	13	0	0	2	7	19	0
		MAR	0	20	67	82	94	90	95	96	93	81	78	66	28	0	276.2	74	10.8	10	0	0	1	14	16	0
		APR	0	20	68	78	85	79	60	84	84	74	65	64	31	1	244.0	65	11.5	22	1	2	1	12	14	0
		JUL	0	4	39	69	68	74	78	80	78	75	72	56	3	0	216.2	53	10.4	26	0	3	6	18	4	0
		SEP	0	1	28	73	85	85	84	92	79	81	62	32	2	0	211.2	58	9.3	23	0	1	6	22	1	0
		OCT	0	10	65	81	87	94	95	93	90	80	78	48	1	0	254.6	70	10.2	7	0	1	0	21	9	0
		NOV	0	0	62	88	86	90	95	95	95	97	89	69	5	0	261.0	77	10.3	25	0	0	0	21	9	0

TABLE VI - SUMMARY OF SUNSHINE RECORDS 1983

COUNTRY STATION	MONTH	MEAN DURATION (hundredths of an hour) DURING SPECIFIED HOURS (Local Apparent Time)												TOTAL DURATION (hours)	PERCENTAGE POSSIBLE IN A DAY	NO OF DAYS WITH AMOUNTS WITHIN THE RANGES (hours)									
		0-1-3.0	NIL	3.1-6.0	6.1-9.0	9.1-12.0	MORE THAN 12	0-1-3.0	NIL	3.1-6.0	6.1-9.0	9.1-12.0													
CAYMAN ISLANDS	West Bay G.C.	0	0	35	54	60	67	69	76	64	63	50	48	2	0	182.9	53	10.3	30	0	7	7	9	8	0
	FEB	0	3	39	54	62	69	65	60	58	52	48	43	6	0	156.7	49	10.0	1	2	5	9	7	5	0
	MAR	0	7	77	84	84	85	88	85	82	82	82	73	17	0	262.7	71	10.7	1	0	2	3	6	20	0
	APR	0	31	73	82	85	85	94	93	92	93	90	83	44	0	283.6	75	11.7	19	0	1	1	9	19	0
	MAY	0	52	93	96	95	94	89	88	87	93	96	93	82	3	359.4	82	12.0	22	0	0	0	5	26	0
	JUN	0	39	70	80	82	78	82	83	80	76	71	68	46	6	258.5	65	12.1	17	1	2	3	7	16	1
	JUL	0	27	54	69	72	72	69	65	63	57	57	63	37	1	218.4	53	11.4	2	3	4	9	12	0	0
	AUG	0	27	77	85	84	85	82	76	68	75	73	69	45	0	261.9	66	11.8	13	0	2	3	10	14	0
	SEP	0	4	50	64	65	68	73	73	72	65	70	53	9	199.8	54	10.6	2	1	4	7	10	8	0	0
	OCT	0	4	46	64	74	73	68	64	58	64	44	39	12	0	169.0	52	10.6	23	1	7	5	10	8	0
	NOV	0	2	71	84	85	83	82	86	73	84	83	68	7	0	242.2	72	10.3	3	1	2	1	11	15	0
	DEC	0	0	52	70	84	85	89	92	93	91	84	72	9	0	256.1	74	10.2	6	1	2	8	19	0	0